



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Xiandong Wang et al.
 Serial No. : 10/716,358
 Filed : November 17, 2003
 Title : PRIMARY ALKALINE BATTERY CONTAINING BISMUTH METAL OXIDE

Art Unit : 1746
 Examiner : Monique Wills
 Conf. No. : 7033

MAIL STOP RCE

Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicants request consideration of the references listed on the attached PTO-1449 form. Under 37 C.F.R. § 1.98 (a)(2)(ii), only copies of foreign patent documents and/or non-patent literature are enclosed. Copies of any listed U.S. patents or U.S. patent application publications can be provided upon request.

A copy of an office action dated July 7, 2006, for U.S. Serial No. 11/103,050, entitled Lithium Battery Containing Bismuth Metal Oxide is enclosed. A copy of the application as filed is also enclosed.

This filing is being made with the filing of a Request for Continued Examination. No fee is required.

Respectfully submitted,

Date: September 27, 2006

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September 27, 2006

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Sherry L. Hunt

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Substitute Form PTO-1449
(Modified)U.S. Department of Commerce
Patent and Trademark OfficeAttorney's Docket No.
08935-295001Application No.
10/716,358**Information Disclosure Statement
by Applicant**

(Use several sheets if necessary)

(37 CFR §1.98(b))

Applicant
Xiandong Wang et al.Filing Date
November 17, 2003Group Art Unit
1746**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	US 2004/0121235 A1	06/24/04	Amatucci			
	AB	5,658,688	08/19/97	Jolson			
	AC	5,368,957	11/29/94	Kozmik et al.			
	AD	4,804,597	02/14/89	Tahara et al.			
	AE	4,444,857	04/24/84	Duchange et al.			
	AF	4,309,491	01/05/82	Brec et al.			
	AG	4,271,243	06/02/81	Broussely et al.			
	AH	4,268,588	05/19/81	Lecerf et al.			
	AI	4,233,374	11/11/80	Lecerf			
	AJ	4,229,509	10/21/80	Margalit			
	AK	4,184,016	01/15/80	Lecerf			
	AL	4,158,723	06/19/79	Gabano et al.			
	AM	4,113,929	09/12/78	Margalit			
	AN	4,085,259	04/18/78	Lauck			
	AO	3,853,627	12/10/74	Lehmann et al.			
	AP	3,822,148	07/02/74	Dey et al.			
	AQ	3,415,687	12/10/68	Methlie, II			

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AR	JP 52/12425	08/24/93	Japan (English Abstract Only)				X
	AS	2,202,670	09/28/88	Great Britain (Abstract Only)				
	AT	0 127 134	12/05/84	EPO				
	AU	JP 58/048357	03/22/83	Japan				
	AV	JP 58/001971	01/07/83	Japan				
	AW	JP 56/159067	12/08/81	Japan				
	AX	JP 55/111067	08/27/80	Japan				

Examiner Signature

Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Xiandong Wang et al.	
		Filing Date November 17, 2003	Group Art Unit 1746

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	BA	JP 04/002020						

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	BB	Sharma et al., Synthesis and characterization of AgBiO ₃ with the cubic KSbO ₃ structure, Indian Journal of Chemistry, Vol. 43A, pp. 11-17, January 2004
	BC	Bervas et al., "Carbon Bismuth Oxyfluoride Nanocomposites as Cathode Material for Lithium Battery", Abs. 419, 206 th Meeting, Electrochemical Society, 2004
	BD	Antipov et al., "The Superconducting Bismuth-based Mixed Oxides", Journal of Low Temperature Physics, Vol. 131, Nos. 3/4, May 2003
	BE	Jain et al., "Nanosized Amorphous Iron Oxyhydroxide for Reversible Lithium Intercalation", Journal of the Electrochemical Society, 150, (6), pp. A806-A810, 2003
	BF	Oberndorfer et al., "A New Approach to Silverbismuthates", Z. Anorg. Allg. Chem., 628, pp. 1951-1954, 2002 (English Abstract Only)
	BG	Rodriguez et al., "Electrochemical study of the reaction of lithium with Aurivillius and related phases", Material Research Bulletin, 36, pp. 1195-1204, 2001
	BH	Kumada et al., "Preparation of New Bismuth Oxides by Hydrothermal Reaction", Mat. Res. Soc. Symp. Proc., Vol. 658, pp. GG8.71-GG8.76, 2001
	BI	Liu et al., "Synthesis of superconducting Ba _{1-x} K _x BiO ₃ by a modified molten salt process", Materials Research Bulletin, 36, pp. 1505-1512, 2001
	BJ	Patoux et al., "Lithium- and Proton-Driven Redox Reactions in BIMEVOX-Type Phases", Chem. Mater., 13, 500-7, 2001
	BK	Arroyo et al., "From Bi ₄ V ₂ O ₁₁ to Li ₂₈ B ₄ V ₂ O ₁₁ by electrochemical lithium insertion: versatile applications in lithium batteries", International Journal of Inorganic Materials, 1, pp. 83-86, 1999
	BL	Apostolova et al., "Study of Bismuth-containing Oxide Compounds as Cathode Materials for Lithium Batteries", Russian Journal of Applied Chemistry, Vol. 72, No. 8, pp. 1377-80, 1999
	BM	Kumada et al., "Ion-exchange reaction of Na ⁺ in NaBiO ₃ · nH ₂ O with Sr ²⁺ and Ba ²⁺ ", Solid State Ionics, 122, pp. 183-189, 1999
	BN	Deibele et al., "Bismuth in Ag ₂ BiO ₃ : Tetravalent or Internally Disproportionated", Journal of Solid State Chemistry, 147, pp. 117-121, 1999
	BO	Kumada et al., "Preparation of ABi ₂ O ₆ (A=Mg, Zn) with the Trirutile-type Structure", Materials Research Bulletin, Vol. 32, No. 8, pp. 1003-2008, 1997
	BP	Lazure et al., "Composition dependence of oxide anion conduction in the BIMEVOX family", Solid State Ionics, 90, pp. 117-23, 1996 (Abstract only)
	BQ	Arroyo et al., "Bi ₄ V ₂ O ₁₁ and related compounds as positive electrode materials for lithium rechargeable batteries", Solid State Ionics, 91, pp. 273-78, 1996
	BR	Kumada et al., "Preparation and Crystal Structure of a New Lithium Bismuth Oxide: LiBiO ₃ ", Journal of Solid State Chemistry, 126, pp. 121-126, 1996
	BS	Pasquali et al., "Primary 1.5 Lithium Cells with ViVO ₄ Cathodes", Journal of Power Sources, 27, pp. 29-34, 1989

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Other Documents (include Author, Title, Date, and Place of Publication)		
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	CA	Takeuchi et al., "The Reduction of Silver Vanadium Oxide in Lithium/Silver Vanadium Oxide Cells", J. Electrochem. Soc.: Electrochemical Science and Technology, Vol. 135, No. 11, pp. 2691-2694, 1988
	CB	Pistoia et al., "Button Cells Based on the Li/Bi ₂ O ₃ Couple", Journal of Power Sources, 16, pp. 263-269, 1985
	CC	Linden in "Handbook of Batteries and Fuel Cells", Handbook of Batteries and Fuel Cells, pp. 11-79-11-81, 1984
	CD	Trehoux et al., Synthese et Caracterisation de Nouvelles Phases due Diagramme (K Ou Na) - Bi - O", Mat. Res. Bull, Vol. 17, pp. 1235-1243, 1982 (French Only)
	CE	Cox, "Mixed-Valent Ba ²⁺ Bi ³⁺ Bi ⁵⁺ O ₆ :Structure and Properties vs. Temperature", Acta Cryst., B35, pp. 1-10, 1979
	CF	Murphy et al., "Topochemical Reactions of Rutile Related Structures with Lithium", Mat. Res. Bull. Vol. 13, pp. 1395, 1402, 1978
	CG	Blasse, "On the Structure of some Compounds Li ₃ Me ⁵⁺ O ₄ and some other Mixed Metal Oxides Containing Lithium", Zeitschrift fur anorganische und allgemeine Chemie Band 331, pp. 44-51, 1964
	CH	Scholder et al., "Alkali and alkaline and earth bismuthates", Zeitschrift fur anorganische und allgemeine Chemie Band 319, pp. 375-386, 1963 (English Abstract Only)
	CI	Latimer "The Oxidation States of the Elements and Their Potentials in Aqueous Solutions", 2nd ed., Prentice-Hall, New York, pp. 122-123, 1952
	CJ	Scholder et al., "On Bismuthates", Zeitschrift fur anorganische und allgemeine Chemie 247, pp. 392-415, 1941 (English Translation)

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